

AMENDMENTS TO THE CLAIMS

Please cancel claims 2, 4, 5, 7, 8, and 15-17 without prejudice or disclaimer to the subject matter described therein. Please amend claims 3, 6, and 9 as indicated below.

1. (Withdrawn)

2. (Canceled)

3. (Currently amended) A ~~novel~~ polynucleotide of SEQ ID NO: 2 encoding for a levan fructotransferase gene, which has a base sequence coding for of the amino acid sequence of claim 2 SEQ ID NO: 1 isolated from *Arthrobacter ureafaciens* K2032, which can hydrolyze levan to produce difructose dianhydride IV.

4. (Canceled)

5. (Canceled)

6. (Currently amended) A recombinant expression vector [[,]] pUDFA81 carrying the levan fructotransferase gene of claim 3 polynucleotide sequence of SEQ ID NO: 2.

7. (Canceled)

8. (Canceled)

9. (Currently amended) ~~An A novel~~ organism Escherichia coli ~~E. coli~~ JUD81 ~~(KCTC 0877BP)~~ KCTC 0877BP which is prepared by transforming Escherichia coli ~~E. coli~~ DH5 α with the expression vector pUDFA81 ~~of claim 7~~.

10-14. (Withdrawn)

15-17. (Canceled)

18-24. (Withdrawn)